

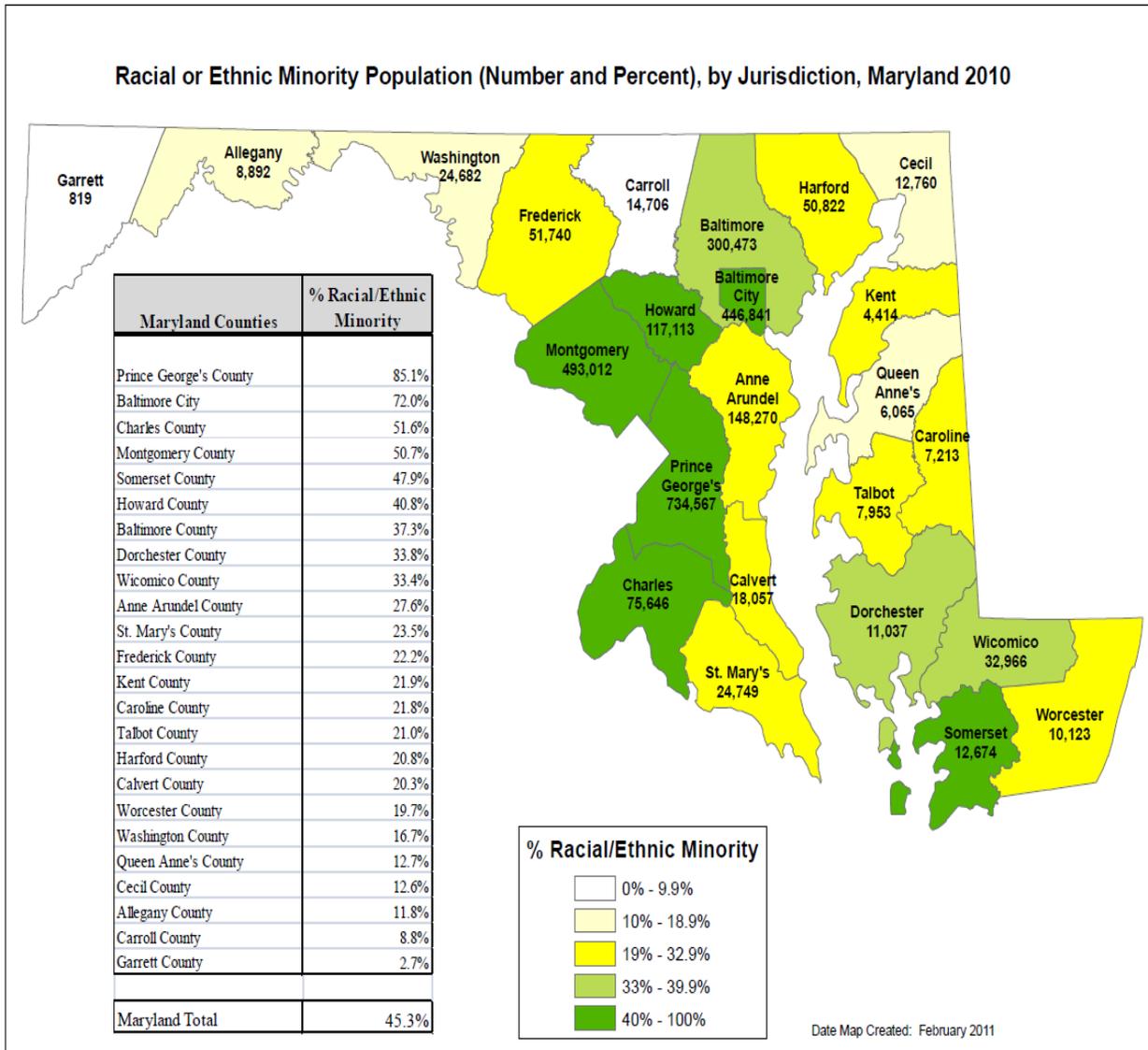


Minority Health and Health Disparities
 Maryland Department of Health and Mental Hygiene

Maryland Minority Health Disparities Selected Statewide and Dorchester County Data

February 15, 2011

Racial or Ethnic Minority Population (Number and Percent), by Jurisdiction, Maryland 2010



Minority Population in Maryland

- Maryland is a state where the size of the combined racial and ethnic minority population is beginning to approach the Non-Hispanic White population. The U.S 2010 Census Maryland population was 45.3% racial or ethnic minority, up by 7.9 percentage points from 2009 (42.5%).
- Nine of Maryland's 24 jurisdictions, have minority populations over 30%. More than 23% of the population in the Eastern Shore is minority

Table 1. Maryland Population, July 1, 2010 by Race and Ethnicity

Race	All Ethnicity		Non-Hispanic		Hispanic	
White	3,359,284	58.2%	3,157,958	54.7%	201,326	3.5%
Non-White	2,414,268	41.8%	2,144,962	37.2%	269,306	4.7%
<i>Black</i>	<i>1,700,298</i>	<i>29.4%</i>	<i>1,674,229</i>	<i>29.0%</i>	<i>26,069</i>	<i>0.5%</i>
<i>Asian/Pac Isle</i>	<i>322,010</i>	<i>5.6%</i>	<i>319,106</i>	<i>5.5%</i>	<i>2,904</i>	<i>0.1%</i>
<i>American Indian</i>	<i>20,420</i>	<i>0.4%</i>	<i>13,815</i>	<i>0.2%</i>	<i>6,605</i>	<i>0.1%</i>
MD Total	5,773,552	100.0%	5,302,920	91.8%	470,632	8.2%

*Source: U.S Census Bureau, Census 2010
Race categories are for one race alone.*

Table 2. Minority Population by Jurisdiction, Maryland 2010

REGION AND POLITICAL SUBDIVISION	TOTAL	Non Hispanic White	Minority Population	Percent Minority	Percent African American	Percent Asian/PI	Percent AI/AN	Percent Hispanic
MARYLAND	5,773,552	3,157,958	2,615,594	45.3%	29.0%	5.5%	0.2%	8.2%
NORTHWEST AREA	485,999	399,866	86,133	17.7%	8.2%	2.4%	0.2%	4.8%
GARRET	30,097	29,278	819	2.7%	1.0%	0.3%	0.1%	0.7%
ALLEGANY	75,087	66,195	8,892	11.8%	7.9%	0.8%	0.1%	1.4%
WASHINGTON	147,430	122,748	24,682	16.7%	9.4%	1.4%	0.2%	3.5%
FREDERICK	233,385	181,645	51,740	22.2%	8.4%	3.8%	0.2%	7.3%
BALTIMORE METRO AREA	2,662,691	1,584,466	1,078,225	40.5%	28.8%	4.6%	0.2%	4.6%
BALTIMORE CITY	620,961	174,120	446,841	72.0%	63.3%	2.3%	0.3%	4.2%
BALTIMORE COUNTY	805,029	504,556	300,473	37.3%	25.7%	5.0%	0.3%	4.2%
ANNE ARUNDEL	537,656	389,386	148,270	27.6%	15.2%	3.4%	0.3%	6.1%
CARROLL	167,134	152,428	14,706	8.8%	3.1%	1.5%	0.2%	2.6%
HOWARD	287,085	169,972	117,113	40.8%	17.1%	14.4%	0.2%	5.8%
HARFORD	244,826	194,004	50,822	20.8%	12.4%	2.4%	0.2%	3.5%
NATIONAL CAPITAL AREA	1,835,197	607,618	1,227,579	66.9%	38.7%	9.3%	0.2%	16.0%
MONTGOMERY	971,777	478,765	493,012	50.7%	16.6%	13.9%	0.2%	17.0%
PRINCE GEORGE'S	863,420	128,853	734,567	85.1%	63.5%	4.1%	0.2%	14.9%
SOUTHERN AREA	340,439	221,987	118,452	34.8%	25.2%	2.4%	0.4%	3.7%
CALVERT	88,737	70,680	18,057	20.3%	13.3%	1.4%	0.3%	2.7%
CHARLES	146,551	70,905	75,646	51.6%	40.4%	3.0%	0.6%	4.3%
SAINT MARY'S	105,151	80,402	24,749	23.5%	14.1%	2.5%	0.3%	3.8%
EASTERN SHORE AREA	449,226	344,021	105,205	23.4%	16.1%	1.3%	0.2%	4.0%
CECIL	101,108	88,348	12,760	12.6%	6.0%	1.1%	0.2%	3.4%
KENT	20,197	15,783	4,414	21.9%	14.9%	0.8%	0.1%	4.5%
QUEEN ANNE'S	47,798	41,733	6,065	12.7%	6.8%	1.0%	0.3%	3.0%
CAROLINE	33,066	25,853	7,213	21.8%	13.7%	0.6%	0.3%	5.5%
TALBOT	37,782	29,829	7,953	21.0%	12.6%	1.3%	0.1%	5.5%
DORCHESTER	32,618	21,581	11,037	33.8%	27.4%	0.9%	0.3%	3.5%
WICOMICO	98,733	65,767	32,966	33.4%	23.8%	2.5%	0.2%	4.5%
SOMERSET	26,470	13,796	12,674	47.9%	41.9%	0.7%	0.3%	3.3%
WORCESTER	51,454	41,331	10,123	19.7%	13.6%	1.1%	0.2%	3.2%

Source: U.S Census Bureau, Census 2010
Race categories are for one race alone.

Infant Mortality is an issue in Dorchester County

In Dorchester County in 2009, **infant mortality rate** (deaths per 1000 live births) for African Americans was **40.8**. The overall state **infant mortality rate** was **7.2**, or **5.7 times higher** for African Americans in Dorchester County compared to the state.

TABLE 33. INFANT DEATHS AND INFANT MORTALITY RATES BY RACE, HISPANIC ORIGIN, REGION AND POLITICAL SUBDIVISION, MARYLAND, 2009.

REGION AND POLITICAL SUBDIVISION	NUMBER OF INFANT DEATHS				INFANT MORTALITY RATES***			
	ALL RACES	WHITE*	BLACK*	HISPANIC**	ALL RACES	WHITE*	BLACK*	HISPANIC**
MARYLAND.....	541	177	343	29	7.2	4.1	13.6	3.1
NORTHWEST AREA.....	25	17	7	1	4.4	3.5	14.5	****
GARRETT.....	0	0	0	0	****	****	****	****
ALLEGANY.....	1	1	0	0	****	****	****	****
WASHINGTON.....	13	8	5	0	7.4	5.2	30.9	****
FREDERICK.....	11	8	2	1	3.8	3.4	****	****
BALTIMORE METRO AREA.....	275	76	191	10	8.0	3.9	15.8	3.7
BALTIMORE CITY.....	128	10	118	2	13.5	3.5	18.5	****
BALTIMORE COUNTY.....	73	21	48	2	7.4	3.6	15.3	****
ANNE ARUNDEL.....	35	22	12	1	4.9	4.1	9.0	****
CARROLL.....	7	6	1	0	4.5	4.0	****	****
HOWARD.....	23	12	9	5	6.9	6.2	12.9	13.4
HARFORD.....	9	5	3	0	3.2	2.3	****	****
NATIONAL CAPITAL AREA.....	180	53	115	17	7.0	4.5	11.0	3.0
MONTGOMERY.....	74	33	30	5	5.5	3.9	10.7	1.3
PRINCE GEORGE'S.....	106	20	85	12	8.7	6.0	11.1	6.0
SOUTHERN AREA.....	24	13	11	0	5.7	4.5	9.3	****
CALVERT.....	4	3	1	0	****	****	****	****
CHARLES.....	12	5	7	0	6.6	5.4	8.7	****
SAINT MARY'S.....	8	5	3	0	5.4	4.3	****	****
EASTERN SHORE AREA.....	37	18	19	1	7.3	4.5	19.0	****
CECIL.....	4	4	0	0	****	****	****	****
KENT.....	2	1	1	0	****	****	****	****
QUEEN ANNE'S.....	3	1	2	0	****	****	****	****
CAROLINE.....	3	3	0	0	****	****	****	****
TALBOT.....	1	1	0	0	****	****	****	****
DORCHESTER.....	9	3	6	0	21.9	****	40.8	****
WICOMICO.....	12	4	8	1	9.1	****	18.9	****
SOMERSET.....	3	1	2	0	****	****	****	****
WORCESTER.....	0	0	0	0	****	****	****	****

*Race and Hispanic origin are reported separately on the death certificate. Data for persons of Hispanic origin are included in the data for each race group according to the reported race of the decedent.

**Includes all deaths to persons of Hispanic origin of any race.

***Infant mortality rates are per 1,000 live births by race of mother.

****Rates based on fewer than five events in the numerator are not presented since such rates are likely to be unstable.

Source: Maryland Vital Statistics Annual Report 2009

Description of Health Disparities in Dorchester County

Comparing death rates between African Americans and Whites in Dorchester County (2003 to 2007), African American death rates were (see Table 3):

- 21% higher** for all causes of death,
- 103% (2 times) higher** for diabetes,
- 40% higher** for stroke,
- 16% higher** for heart disease,
- 8% higher** for cancer,

The mortality ratio disparity is greatest with Diabetes, where African Americans have **2 times** the Diabetes death rate of Whites (see Table 3).

Table 3. Black or African American vs. White Mortality Disparity, Leading Causes of Death, Dorchester County, Maryland 2003-2007 Combined.

Disease	Rates are deaths per 100,000 population		B/W Ratio	Black % Excess	Black Excess Death Rate
	Black	White			
All Cause	1045.9	863.7	1.21	21%	182.2
Heart Disease	296.7	255.2	1.16	16%	41.5
Cancer	213.6	198.4	1.08	8%	15.2
Stroke	55.4	39.6	1.40	40%	15.8
Diabetes	49.9	24.6	2.03	103%	25.3

Source: CDC Wonder online Database, Compressed Mortality Files 2003-2007

What about other minorities?

In Dorchester County and other smaller jurisdictions, reporting is limited to comparisons of the Black or African American population to the White population. Where data are not presented for American Indians, Asians and Pacific Islanders, or Hispanics/Latinos, this is because either

- The data have small numbers for these populations, or
- The data have large numbers of persons who are missing race or ethnicity information.

Social Determinants of Health in Dorchester County

Social determinants such as educational level, occupational and residential environments, access to healthcare and delivery, racial injustice, poverty, and income inequality play a pivotal role in health and disease.

A recent Maryland Statewide Needs Assessment conducted by the Maryland Center for Maternal and Child Health looked at 15 indicators that put children and families at-risk including: infant mortality, premature birth, teen birth rate, high school drop out rate, unemployment, poverty, and crime rates.

For 13 of these indicators, Dorchester County had substantially higher rates than the State average. (See Appendix B on next page).

Appendix B.

Communities At-Risk

Jurisdiction	CSA/ Zipcode	Area Name	Percent Preterm ^a	Percent LBW ^b	Infant Mortality Rate ^c	Percent Families In Poverty ^d	Crime Rate ^e	Rate of Protective Orders ^f	Percent HS Drop outs ^g	Percent Ready to Enter School ^h	Subst Abuse Trtnmt Rate ⁱ	Percent Unem- ployed ^j	Abuse & Neglect Investig- ation Rate ^k	Percent Late or No PNC ^l	Teen Birth Rate ^m	WIC Partic- ipation Rate ⁿ	Medical Enrollment Rate ^o	Total Number of Elevated Indicators ^p
Maryland Avg			11.2	9.3	7.9	9.5	4316.5	77.8	3.0	81.6	7.1	7.0	1.6	4.3	33.0	16.8	112.0	
Baltimore City	1	Irvington	17.7	18.9	30.6	51.1	*	107.7	7.1	64.0	52.6	10.2	8.7	9.8	119.4	51.7	483.8	14
Baltimore City	7	Cherry Hill	20.7	20.7	37.7	59.7	*	107.7	7.1	64.0	37.9	10.2	7.8	8.9	141.7	53.7	396.3	14
Baltimore City	21	Mondawmin	18.9	20.0	23.0	44.1	*	107.7	7.1	64.0	45.4	10.2	5.4	9.9	135.5	48.6	436.6	14
Baltimore City	23	Rosemont	18.8	20.0	27.6	45.7	*	107.7	7.1	64.0	52.6	10.2	5.7	10.6	135.5	51.7	483.8	14
Baltimore City	24	Greenmount	23.8	20.4	20.8	65.9	*	107.7	7.1	64.0	51.6	10.2	10.1	9.1	133.3	67.2	496.5	14
Baltimore City	33	Madison	18.5	16.8	28.7	57.2	*	107.7	7.1	64.0	51.6	10.2	10.1	8.0	137.8	67.2	487.8	14
Baltimore City	45	Pimlico	21.5	18.8	18.2	44.0	*	107.7	7.1	64.0	33.3	10.2	5.3	8.6	99.5	43.3	362.1	14
Baltimore City	47	Sandtown	21.9	20.0	27.6	56.5	*	107.7	7.1	64.0	52.6	10.2	6.2	8.2	200.0	51.7	483.8	14
Baltimore City	51	Southwest	21.2	19.7	32.6	58.8	*	107.7	7.1	64.0	52.6	10.2	9.1	9.3	125.0	51.7	483.8	14
Baltimore City	10	Clifton	23.8	20.4	*	57.2	*	107.7	7.1	64.0	51.6	10.2	10.1	11.5	137.8	67.2	496.5	13
Baltimore City	17	Walbrook	18.6	18.3	29.7	39.9	*	107.7	7.1	64.0	33.3	10.2	*	11.1	124.4	45.0	374.6	13
Baltimore City	30	Oldtown	23.3	25.6	*	68.0	*	107.7	7.1	64.0	51.6	10.2	8.8	8.1	200.0	67.2	487.8	13
Baltimore City	35	Midtown	20.0	20.4	*	65.9	*	107.7	7.1	64.0	45.4	10.2	8.8	7.7	133.3	48.6	436.6	13
Baltimore City	36	Midway	23.8	20.4	29.2	48.8	*	107.7	7.1	64.0	38.1	10.2	6.7	8.5	88.5	*	496.5	13
Baltimore City	42	Patterson Park	18.6	16.8	28.7	48.8	*	107.7	7.1	64.0	51.6	10.2	9.6	*	144.1	67.2	487.8	13
Baltimore City	46	Hollins Market	25.0	19.7	*	61.4	*	107.7	7.1	64.0	52.6	10.2	7.4	7.7	200.0	51.7	483.8	13
Baltimore City	49	Southeastern	18.6	15.9	13.2	71.8	*	107.7	7.1	64.0	23.3	10.2	5.0	*	129.0	44.4	277.6	13
Baltimore City	50	Park Heights	19.4	17.7	18.2	43.8	*	107.7	7.1	64.0	45.4	10.2	5.3	*	99.5	48.6	436.6	13
Baltimore City	53	Upton	21.9	18.3	26.0	65.6	*	107.7	7.1	64.0	52.6	10.2	7.0	*	200.0	51.7	483.8	13
Dorchester	21613	Cambridge	17.6	13.8	31.0	30.4	7124.7	*	*	66.0	28.9	10.7	6.5	9.2	123.9	45.0	315.6	13
Baltimore City	3	Edison	23.8	20.0	29.2	*	*	107.7	7.1	64.0	38.1	10.2	5.6	*	131.1	45.3	496.5	12
Baltimore City	4	Brooklyn	*	13.9	*	50.0	*	107.7	7.1	64.0	37.9	10.2	8.2	10.2	137.3	53.7	396.3	12
Baltimore City	9	Claremont	18.4	*	*	56.9	*	107.7	7.1	64.0	51.6	10.2	5.6	11.5	137.0	67.2	496.5	12
Baltimore City	13	Dorchester	18.6	17.7	*	43.8	*	107.7	7.1	64.0	33.3	10.2	*	14.1	99.5	45.0	374.6	12
Baltimore City	19	Charles Village	20.0	20.4	*	48.8	*	107.7	7.1	64.0	32.9	10.2	6.7	8.0	103.6	*	391.7	12
Baltimore City	43	Penn North	19.4	20.6	*	44.1	*	107.7	7.1	64.0	45.4	10.2	5.4	*	97.6	48.6	436.6	12
Baltimore City	44	Perkins	23.3	25.6	*	68.0	*	107.7	7.1	64.0	51.6	10.2	10.1	*	200.0	67.2	496.5	12
Baltimore City	54	Washington Village	25.0	20.7	*	47.9	*	107.7	7.1	64.0	52.6	10.2	8.7	*	141.7	51.7	483.8	12
Baltimore City	55	Westport	*	20.7	37.7	59.7	*	107.7	7.1	64.0	37.9	10.2	7.8	*	141.7	53.7	396.3	12
Washington	21740	Hagerstown	15.0	13.8	*	46.2	*	115.2	*	73.0	19.1	9.7	11.5	7.9	145.2	42.6	257.5	12
Wicomico	21801	Salisbury	16.6	15.5	16.1	42.3	10730.7	*	5.5	*	30.7	*	5.0	8.4	133.3	42.7	265.7	12
Baltimore City	6	Cedonia	18.0	16.9	22.8	41.3	*	107.7	7.1	64.0	*	10.2	*	*	89.9	45.3	496.5	11
Baltimore City	15	Edmonson Village	20.9	18.3	*	*	*	107.7	7.1	64.0	29.8	10.2	5.0	*	124.4	45.0	374.6	11
Baltimore City	27	Highlandtown	18.6	*	*	39.1	*	107.7	7.1	64.0	23.3	10.2	*	8.7	144.1	44.4	277.6	11
Baltimore City	31	Lauraville	20.6	19.0	26.7	*	*	107.7	7.1	64.0	*	10.2	*	7.3	89.9	45.3	496.5	11
Baltimore City	34	Hampden	20.0	*	*	43.8	*	107.7	7.1	64.0	45.4	10.2	5.1	*	99.5	48.6	436.6	11
Baltimore City	41	Highlandtown	*	*	*	71.8	*	107.7	7.1	64.0	51.6	10.2	7.4	7.7	144.1	67.2	496.5	11
Baltimore City	52	Waverlies	19.1	18.3	*	48.8	*	107.7	7.1	64.0	25.6	10.2	6.7	*	86.2	*	303.6	11
Prince Georges	20785	Hyattsville	17.7	16.5	38.0	33.8	*	109.6	*	68.0	*	*	3.6	22.1	111.9	35.2	259.9	11
Baltimore City	2	Beechfield	20.9	17.4	30.6	*	*	107.7	7.1	64.0	19.0	10.2	*	*	*	39.3	287.8	10
Baltimore City	14	Downtown	25.0	*	*	65.9	*	107.7	7.1	64.0	32.9	10.2	8.8	*	200.0	*	391.7	10
Baltimore City	16	Felis Point	*	*	24.0	*	*	107.7	7.1	64.0	32.9	10.2	*	15.4	200.0	44.4	287.7	10
Baltimore City	20	Govans	*	15.8	*	*	*	107.7	7.1	64.0	25.6	10.2	4.2	7.8	93.1	*	303.6	10
Prince Georges	20706	Lanham	16.3	*	18.4	28.6	6870.1	109.6	*	68.0	*	*	3.6	22.1	70.7	39.6	*	10
Prince Georges	20743	Capitol Heights	17.7	17.4	38.0	25.2	8584.0	109.6	*	68.0	*	*	3.2	14.2	75.2	*	*	10
Somerset	21817	Crisfield	16.3	14.0	19.9	34.6	*	*	*	*	22.8	9.4	6.3	*	74.1	41.1	314.5	10

* Indicates rate < 1 standard deviation above mean

Priority Areas for Action in Dorchester County

Infant mortality is a particularly tragic disparity, with many years of potential life lost. It also is a marker of wider gaps in our health care system

Cardiovascular and related diseases which refers to the inter-related cluster of **heart disease, stroke, diabetes, and kidney disease**. The first three of these are the top three disparities when looked at as the difference between death rates. All share poor diet, physical inactivity and obesity as risk factors.

Cancer is the fourth largest disparity in Dorchester County when looked at as the difference between death rates.

Strategies for Eliminating Health Disparities in Dorchester County

- Addressing insurance and access disparities,
- Ensuring cultural/linguistic competence and diversity in the health workforce,
- Supporting community education and community outreach worker programs,
- Enacting equity-promoting policies

are among the strategies required for the elimination of health disparities.